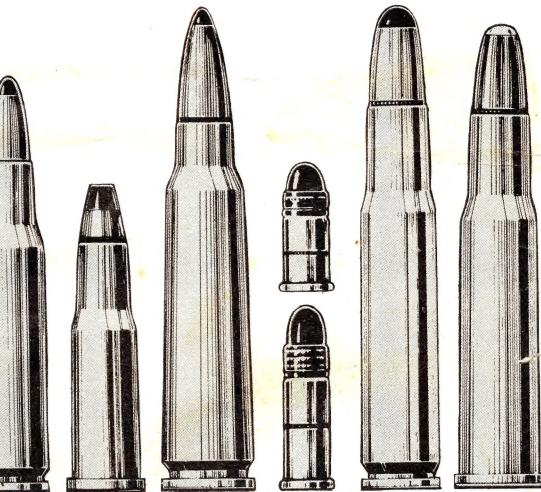


## Rim Fire Cartridges

C-I-L

Description	Velocity	Lubricant	Bullet	Velocity Feet per Second	Energy Foot-Lbs.	Mid-Range Trajectory in Inches for Range of 100 Yds.		
			Type (Lead)	Weight Grains	Muzzle	100 Yards	Muzzle	100 Yards
22 BB Cap "Super-Clean".....	Standard	Graphite	Solid	18	780	—	24	—
22 Short (Non-splashing gallery) Eley .....	Standard	Dry Lub.	“	26	1045	—	63	—
22 Short "Canuck".....	Standard	Dry Lub.	“	29	1045	865	70	48
22 Short "Canuck".....	Standard	Dry Lub.	“	29	1125	920	81	54
22 Short "Imperial".....	High	Dry Lub.	Mushroom	27	1155	920	80	51
22 Short "Imperial".....	High	Dry Lub.	Solid	29	1240	965	99	60
22 Long "Imperial".....	High	Dry Lub.	“	40	1145	975	116	84
22 Long Rifle "Canuck".....	Standard	Dry Lub.	“	40	1145	975	116	84
22 Long Rifle "Canuck".....	Standard	Dry Lub.	“	40	1145	975	116	84
22 Long Rifle "Canuck".....	Low	Grease	“	40	1145	975	116	84
22 Long Rifle CIL Match .....	Low	“	“	40	1335	1045	158	97
22 Long Rifle CIL Pistol Match .....	High	Dry Lub.	Mushroom	36	1365	1040	149	86
22 Long Rifle "Imperial".....	High	Dry Lub.	Solid	45	1105	955	122	91
22 Long Rifle "Imperial".....	Standard	Dry Lub.	Graphite	45	1055	930	111	86
22 W.R.F. "Canuck".....	Internal	Graphite	“	65	945	845	129	103
22 Winchester Auto. "Canuck".....	Internal	Graphite	“	65	1130	985	184	140
25 Stevens Short "Canuck".....	Standard	Dry Lub.	“	80	945	840	158	125
25 Stevens Long "Canuck".....	Standard	Dry Lub.	“	80	1050	900	195	144
32 Short "Canuck".....	Standard	Dry Lub.	“	—	—	—	—	—
32 Long "Canuck".....	Standard	Dry Lub.	“	—	—	—	—	—

All Cartridges have "Super-Clean" Non-Corrosive, Non-Rusting Priming.



# Ballistics & Range Tables

## “Dominion” Centre Fire Revolver and Pistol Cartridges

Description	Bullet		Velocity Ft. Sec. Muzzle	Energy Ft. Lbs. Muzzle	Gauge and Type	Weight Ounces	Velocity Feet per Second	Energy Ft. Lbs.	Mid-Range Trajectory
	Type	Wt. Grs.							
25 Automatic	MC	50	810	73					
32 Smith & Wesson	Lead	85	680	94					
32 Smith & Wesson Long	Lead	98	780	132					
32 Short Colt	Lead	80	745	112					
32 Automatic	MC	71	705	145					
357 Magnum	MP	158	1410	690					
9 mm Luger	MC	124	1120	345					
9 mm Luger (POLICE)	MC	124	1120	345					
38 Smith & Wesson	Lead	145	685	152					
38 Special	Lead	158	855	255					
38 Special Wad Cutter	MP	158	855	255					
45 Colt	Lead	148	770	195					
455 Colt	Lead	250	855	410					
	Lead	265	770	349					

MP — Metal Point

MC — Metal Cased

Description	Bullet		Velocity Ft. Sec. Muzzle	Energy Ft. Lbs. Muzzle	Gauge and Type	Weight Ounces	Velocity Feet per Second	Energy Ft. Lbs.	Mid-Range Trajectory
	Type	Wt. Grs.							
25 Automatic	MC	50	810	73					
32 Smith & Wesson	Lead	85	680	94					
32 Smith & Wesson Long	Lead	98	780	132					
32 Short Colt	Lead	80	745	112					
32 Automatic	MC	71	705	145					
357 Magnum	MP	158	1410	690					
9 mm Luger	MC	124	1120	345					
9 mm Luger (POLICE)	MC	124	1120	345					
38 Smith & Wesson	Lead	145	685	152					
38 Special	Lead	158	855	255					
38 Special Wad Cutter	MP	158	855	255					
45 Colt	Lead	148	770	195					
455 Colt	Lead	250	855	410					
	Lead	265	770	349					

MP — Metal Point

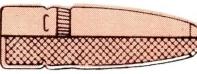
MC — Metal Cased

## “Imperial” Centre Fire Bullet Types



SP

Soft Point: Jacketed in metal with a round or flat lead nose, the Soft Point is a dependable favorite for the lower velocity calibres.



KKSP

“Kling-Kor” Soft Point; Unseen notches securely grip bullet core; act as barbs to arrest any tendency to strip or disintegrate on impact with target. Thin tongues of lead extruded through notches provide locking action at exact moment it is most needed.



PSP

Pointed Soft Point: High velocity and flattened trajectory reduce sighting problem. Accurate with excellent mushrooming qualities.



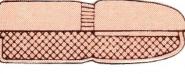
CPE

Copper Point Expanding: Special construction of nose provides excellent penetrating and mushrooming qualities. Sustained high velocity reduces problem of range estimation and sight adjustment. A favorite in open country. Available only in 30-06 Springfield and 303 British.



MC

Metal Cased (Hard Point): For maximum penetration without mushrooming to avoid spoiling the pelts of valuable fur-bearing animals.



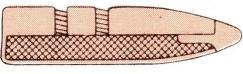
PNEU

Pneumatic: Enclosed air pocket and specially designed jacket promote rapid mushrooming and shocking power.



HP

Hollow Point: Rapid mushrooming and high shocking power combined with excellent accuracy and flat trajectory make this an attractive varmint bullet.



ST

“Sabretip”: Combining dependable mushrooming characteristics and excellent ballistics with smooth functioning and resistance to tip damage.

**KKSP** — 'Kling-Kor' Soft Point; **PSP** — Pointed Soft Point; **SP** — Soft Point; **CPE** — Copper Point Expanding; **MC** — Metal Cased (Hard Point); **PNEU** — Pneumatic; **HP** — Hollow Point; **ST** — 'Sabretip'

**Comparative Performance.**  
Figures below are for a sight-setting of 100 yards and permit a comparison of trajectories up to 200 yards.

**Range Table** — Values shown in this table are based on a sight height 1½" above line of bore. **Recommended Sighting:**  $\oplus$  Indicates the most favourable sighting range in order to minimize the sighting problem at shorter and longer ranges. + Indicates inches high; - Indicates inches low.

## Short Range Sighting-in

It is preferable to sight-in a rifle at the "Recommended Sighting" range. However, it is sometimes necessary to sight-in a rifle at a distance shorter than the "Recommended Sighting" range because you don't have the necessary yardage available. To do this, find from the range table at what distance the bullet will first cross the line of sight. Put up a target at this distance and from a firm rest fire a three-shot group. The centre point of the group is the "Centre of Impact" — the average spot where the bullets strike. Adjust sights to bring the centre of impact to the centre of the target then fire another group. If the centre of impact is on target the rifle will be sighted in at the range recommended in the range table. It is, however, desirable to fire a target at that range as soon as possible as a double check.

### Note:

Certain provinces have restrictions concerning firearms please refer to the local laws regarding large game.

Description	Bullet Velocity in Feet per Second										Energy in Foot Pounds										Inches High 50 Yds.	Sighted in at 100 Yds.	Inches Low 200 Yds.	First Crosses Line of Sight App. Yds.	50 Yds.	75 Yds.	100 Yds.	125 Yds.	150 Yds.	200 Yds.	250 Yds.	300 Yds.	400 Yds.	500 Yds.
	Wt. Grains	Type	Muzzle	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	Muzzle	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.																				
22 Hornet	45	PSP	2690	2030	1510	1150	—	—	720	410	230	130	—	—	0.0	$\oplus$	7.0	29.0	—	+1.5	—	—	$\oplus$	—4.0	—	—	—	—	—	—				
22 Savage	70	PSP	2800	2440	2110	1840	—	—	1220	925	690	525	—	—	0.0	$\oplus$	4.5	25.0	—	—	+2.0	—	—	$\oplus$	—4.5	—	—	—	—	—	—			
222 Remington	50	PSP	3200	2600	2170	1750	—	—	1140	785	520	340	—	—	0.0	$\oplus$	3.5	30.0	—	—	+2.0	—	—	$\oplus$	—3.5	—	—	—	—	—	—			
243 Winchester	75	PSP	3500	3070	2660	2290	1960	1670	2040	1570	1180	875	640	465	-0.3	$\oplus$	2.5	30.0	—	—	+2.5	—	—	$\oplus$	—3.0	-15.5	-36.5	—	—	—	—			
243 Winchester	100	PSP	3070	2790	2540	2320	2120	1940	2090	1730	1430	1190	995	835	-0.3	$\oplus$	3.0	27.5	—	—	+3.0	—	—	$\oplus$	—3.5	-16.5	-35.5	—	—	—	—			
6.5 x 53 mm Man.-Sch.	160	SP	2160	1950	1750	1570	—	—	1660	1350	1090	875	—	—	0.3	$\oplus$	7.5	25.5	—	+1.5	—	—	$\oplus$	-4.0	—	—	—	—	—	—				
6.5 x 55 mm	160	SP	2420	2190	1960	1760	1580	1420	2080	1700	1360	1110	885	715	0.3	$\oplus$	6.5	21.0	—	—	+3.5	—	—	$\oplus$	-5.0	-13.0	-39.0	—	—	—	—			
25-20 Winchester	86	SP	1460	1180	1030	940	—	—	405	265	200	170	—	—	2.0	$\oplus$	24.0	16.0	+2.0	—	$\oplus$	-4.0	—	—	—	—	—	—	—					
25-35 Winchester	117	SP	2300	1910	1600	1340	—	—	1370	945	665	465	—	—	0.2	$\oplus$	7.5	23.0	—	+1.5	—	—	$\oplus$	-4.5	—	—	—	—	—	—				
250 Savage	100	PSP	2820	2460	2140	1870	—	—	1760	1340	1020	775	—	—	0.0	$\oplus$	4.0	27.5	—	—	+2.0	—	—	$\oplus$	-3.5	-14.5	-33.5	—	—	—	—			
270 Winchester	100	PSP	3480	3070	2690	2340	2010	1700	2690	2090	1600	1215	890	640	-0.3	$\oplus$	2.0	31.5	—	—	+2.5	—	—	$\oplus$	-3.5	-14.5	-33.5	—	—	—	—			
270 Winchester	130	PSP	3140	2850	2580	2320	2090	1860	2840	2340	1920	1550	1260	1000	-0.2	$\oplus$	2.5	27.5	—	—	+3.0	—	—	$\oplus$	-4.0	-16.0	-35.5	—	—	—	—			
270 Winchester	130	ST	3140	2850	2580	2320	2090	1860	2840	2340	1920	1550	1260	1000	-0.2	$\oplus$	2.5	27.5	—	—	+3.0	—	—	$\oplus$	-4.0	-16.0	-35.5	—	—	—	—			
270 Winchester	160	KKSP	2800	2530	2280	2050	1840	—	2790	2270	1850	1490	1200	—	-0.2	$\oplus$	4.5	28.5	—	—	+2.0	—	—	$\oplus$	-4.0	-25.0	—	—	—	—	—			
7 x 57 mm Mauser	139	PSP	2800	2500	2240	1990	1770	1580	2420	1930	1550	1220	965	770	-0.4	$\oplus$	3.5	27.0	—	—	+4.0	—	—	$\oplus$	-4.5	-18.5	-41.0	—	—	—	—			
7 x 57 mm Mauser	160	KKSP	2650	2330	2040	1780	1550	1350	2500	1930	1480	1130	855	645	-0.2	$\oplus$	4.5	29.0	—	—	+2.5	—	—	$\oplus$	-4.0	-28.5	—	—	—	—	—			
7 mm Remington Magnum	175	SP	3070	2720	2400	2120	1870	1640	3660	2870	2240	1750	1360	1040	—	0.2	$\oplus$	3.5	25.0	—	—	+3.5	—	—	$\oplus$	-4.0	-18.0	-43.0	—	—	—	—		
30-30 Winchester	150	PNEU	2410	2020	1700	1430	—	—	1930	1360	960	680	—	—	0.2	$\oplus$	7.0	27.0	—	+1.5	—	—	$\oplus$	-4.0	—	—	—	—	—	—				
30-30 Winchester	170	KKSP	2220	1890	1630	1410	—	—	1860	1350	1000	750	—	—	0.2	$\oplus$	8.0	23.0	—	+1.5	—	—	$\oplus$	-4.5	—	—	—	—	—	—				
30-30 Winchester	170	ST	2220	1890	1630	1410	—	—	1860	1350	1000	750	—	—	0.2	$\oplus$	8.0	23.0	—	+1.5	—	—	$\oplus$	-4.5	—	—	—	—	—	—				
30-30 Winchester	170	MC	2220	1890	1630	1410	—	—	1860	1350	1000	750	—	—	0.2	$\oplus$	8.0	23.0	—	+1.5	—	—	$\oplus$	-4.5	—	—	—	—	—	—				
30-30 Winchester	150	ST	2410	2020	1700	1430	—	—	1930	1360	960	680	—	—	0.2	$\oplus$	7.0	27.0	—	+1.5	—	—	$\oplus$	-4.0	—	—	—	—	—	—				
30 Remington	170	KKSP	2120	1820	1560	1350	—	—	1700	1250	920	690	—	—	0.4	$\oplus$	9.0	20.0	—	+2.0	—	—	$\oplus$	-5.0	—	—	—	—	—	—				
30-40 Krag	180	KKSP	2470	2120	1830	1590	1400	—	2440	1790	1340	1010	785	—	0.0	$\oplus$	6.0	21.0	—	+3.0	—	—	$\oplus$	-5.5	-	-41.0	—	—	—	—				
30-06 Springfield	130	SP	2730	2470	2170	1920	1690	1280	2870	2160	1770	1360	1060	820	-0.3	$\oplus$	3.0	27.0	—	+3.0	—	—	$\oplus$	-4.0	-19.5	-47.0	—	—	—	—				
30-06 Springfield	150	PSP	2970	2670	2400	2130	1890	1670	2930	2370	1920	1510	1190	930	-0.2	$\oplus$	3.5	25.0	—	+3.5	—	—	$\oplus$	-4.0	-17.5	-41.0	—	—	—	—				
30-06 Springfield	150	ST	2970	2670	2400	2130	1890	1670	2930	2370	1920	1510	1190	930	-0.2	$\oplus$	3.5	25.0	—	+3.5	—	—	$\oplus$	-4.0	-17.5	-41.0	—	—	—	—				
30-06 Springfield	180	KKSP	2700	2330	2010	1740	1520	—	2910	2170	1610	1210	920	—	0.0	$\oplus$	5.0	24.0	+2.5	+2.5	—	—	$\oplus$	-4.0	-	-32.5	—	—	—	—				
30-06 Springfield	180	CPE	2700	2480	2280	2080	1900	1730	2910	2460	2080	1730	1440	1190	0.0	$\oplus$	4.5	21.0	—	+4.0	—	—	$\oplus$	-4.5	-20.5	-46.0	—	—	—	—				
30-06 Springfield	180	ST	2700	2470	2250	2040	1850	1670	2910	2400	2020	1660	1370	1110	0.1	$\oplus$	4.5	20.0	—	+4.0	—	—	$\oplus$	-4.5	-21.0	-48.5	—	—	—	—				
300 Winchester-Magnum	180	ST	3070	2850	2640	2440	2250	2060	3770	3250	2790	2380	2020	1700	0.3	$\oplus$	3.0	27.5	—	+3.0	—	—	$\oplus$	-3.5	-14.5	-32.5	—	—	—	—				
300 Savage	150	PSP	2670	2390	2130	1890	1660	—	2370	1900	1510	1190	915	—	0.0	$\oplus$	4.5	26.0	—	+2.5	—	—	$\oplus$	-3.5	-	-29.0	—	—	—	—				
300 Savage	150	ST	2670	2390	2130	1890	1660	—	2370	1900	1510	1190	915	—	0.0	$\oplus$	4.5	26.0	—	+2.5	—	—	$\oplus$	-3.5	-	-29.0	—	—	—	—				
300 Savage	180	KKSP	2370	2040	1760	1520	1340	—	2240	1660	1240	920	715	—	0.2	$\oplus$	7.0	20.0	—	+3.5	—	—	$\oplus$	-5.5	-	-35.0	—	—	—	—				
303 Savage	190	KKSP	1980	1680	1440	1250	—	—	1650	1190	875	660	—	0.7	$\oplus$	10.5																		